



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 2038

Bib Data Sheet

SERIAL NUMBER 09/176,580	FILING DATE 10/21/1998  RULE	CLASS 374	GROUP ART UNIT 2859	ATTORNEY DOCKET NO. S01.12-0460
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------------

## APPLICANTS

RAMESH SUNDARAM, FREMONT, CA;

WEI H. YAO, FREMONT, CA;

\*\* CONTINUING DATA \*\*\*\*\* *Yes*

This appln claims benefit of 60/082,244 04/16/1998

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *No*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 11/03/1998

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 3	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature <i>[Signature]</i>	Initials		

## ADDRESS

PETER S DARDI  
 WESTMAN CHAMPLIN & KELLY  
 SUITE 1600 INTERNATIONAL CENTRE  
 900 SECOND AVENUE SOUTH  
 MINNEAPOLIS , MN  
 554023319

## TITLE

GLIDE HEAD FOR ASPERITY DETECTION

FILING FEE  RECEIVED 990	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other
-----------------------------------	---	--